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Learning And Teaching

HARYANA B.Ed **1st** Year

Short Question

1. [illegible]
2. [illegible]
3. [illegible]-[illegible]
4. [illegible]
5. [illegible]
6. [illegible]

Long Question

1. [illegible], [illegible]
2. [illegible] ? [illegible]
3. [illegible]
4. [illegible]? [illegible]
5. [illegible] ICT [illegible]
6. [illegible], [illegible]

Note-1

Short Question

1. [illegible] – [illegible], [illegible] (Training) [illegible], [illegible]

2. [illegible] – [illegible], [illegible], [illegible] (Performance/Demonstration) [illegible], [illegible], [illegible], [illegible], [illegible]

3. [illegible]-[illegible] (Concept of E-Learning)

[illegible]-[illegible] (E-Learning) [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible] [illegible]-[illegible], [illegible]-[illegible] (self-paced learning) [illegible]

4. [illegible] (Limitations of Observation)

[illegible] (Observation) [illegible], [illegible]:

1. [illegible] **(Subjectivity)** – [illegible]
2. [illegible] **(Limited Scope)** – [illegible], [illegible]
3. [illegible] **(Time & Resource Intensive)** – [illegible], [illegible]
4. [illegible] **(Observer Effect)** – [illegible], [illegible], [illegible]
5. [illegible] **(Difficulty in Data Interpretation)** – [illegible]

5. [illegible] (Benefits of Continuous and Comprehensive Evaluation - CCE)

[illegible] (CCE) [illegible], [illegible] ([illegible]) [illegible] ([illegible]) [illegible]:

1. [illegible] – [illegible], [illegible]-[illegible], [illegible]
2. [illegible] – [illegible]
3. [illegible] – [illegible], [illegible], [illegible]
4. [illegible] – [illegible], [illegible]
5. [illegible] – [illegible], [illegible], [illegible]
6. [illegible] – [illegible], [illegible], [illegible], [illegible]

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6. [illegible] (Meaning and Types of Grading System)

[illegible] (Meaning of Grading System)

[illegible] (Grading System) [illegible], [illegible] (A, B, C [illegible]) [illegible]

[illegible] (Types of Grading System)

1. [illegible] **(Absolute Grading System)**
   - [illegible]
   - [illegible]:
     - 90-100% = A+

- 80-89% = A
- 70-79% = B

2. [illegible] **(Relative Grading System)**
   - [illegible]
   - [illegible], [illegible]
3. [illegible] **(Symbolic Grading System)**
   - [illegible] ([illegible] A, B, C [illegible], [illegible], [illegible]) [illegible]
4. [illegible] **(Descriptive Grading System)**
   - [illegible], [illegible]-[illegible], [illegible]

[illegible], [illegible]

Long Question

1. [illegible], [illegible]

[illegible]

[illegible] (Teaching) [illegible], [illegible], [illegible], [illegible]-[illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]

[illegible], [illegible]:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible] (Flexible) [illegible]
7. [illegible]

[illegible]

[illegible]:

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]

[illegible]

[illegible]

2. [illegible]

[illegible] (Principles of Teaching)

[illegible]

[illegible]

1. [illegible] **(Principle of Activity)** – [illegible]
2. [illegible] **(Principle of Experience)** – [illegible]
3. [illegible] **(Principle of Interest and Attraction)** – [illegible]
4. [illegible] **(Principle of Proceeding from Known to Unknown)** – [illegible]
5. [illegible] **(Principle of Individual Differences)** – [illegible]
6. [illegible] **(Principle of Novelty)** – [illegible]
7. [illegible] **(Principle of Motivation)** – [illegible]
8. [illegible] **(Principle of Participation)** – [illegible]
9. [illegible] **(Principle of Practice and Exercise)** – "[illegible]" [illegible]
10. [illegible] **(Principle of Achievement)** – [illegible]

[illegible] (Classificatory Theories of Teaching)

[illegible]:

1. [illegible] (Psychological Theories of Teaching)

[illegible], [illegible], [illegible], [illegible]

- [illegible] – [illegible]
- [illegible] – [illegible]
- [illegible] – [illegible]

2. [illegible] (Philosophical Theories of Teaching)

[illegible], [illegible], [illegible]

- [illegible] **(Idealism)** – [illegible]
- [illegible] **(Realism)** – [illegible]
- [illegible] **(Pragmatism)** – [illegible], [illegible]

3. [illegible] (Sociological Theories of Teaching)

[illegible], [illegible], [illegible]

- [illegible] **(Cultural Approach)** – [illegible]
- [illegible] **(Democratic Approach)** – [illegible], [illegible]
- [illegible] **(Social Adaptation)** – [illegible]

4. [illegible] (Behaviorist Theories of Teaching)

[illegible] (Behaviorism) [illegible]

- [illegible] **(Theory of Motivation)** – [illegible]
- [illegible] **(Stimulus-Response Theory)** – [illegible] (Stimulus) [illegible] (Response) [illegible]
- [illegible] **(Reinforcement Theory)** – [illegible] (Positive) [illegible] (Negative) [illegible] (Reinforcement) [illegible]

[illegible]

[illegible]

3. [illegible]

[illegible]

[illegible] (Teaching Model) [illegible]

[illegible]:

1. [illegible] – [illegible]
2. [illegible] – [illegible]

3. [illegible] **(Flexibility)** – [illegible], [illegible]
4. [illegible] – [illegible]
5. [illegible] – [illegible]

[illegible]

[illegible] (Basic Teaching Model by Robert Glaser)

[illegible] (Robert Glaser) [illegible] 1962 [illegible] "[illegible]" [illegible]

[illegible]

[illegible]:

1. [illegible] **(Instructional Objectives)**
    - [illegible]
    - [illegible] (Cognitive), [illegible] (Affective) [illegible] (Psychomotor) [illegible]
    - [illegible], [illegible], [illegible], [illegible]

2. [illegible] **(Entry Behavior)**
    - [illegible]
    - [illegible] (Pre-test) [illegible]
    - [illegible], [illegible] (Fraction) [illegible], [illegible]

3. [illegible] **(Instructional Procedure)**
    - [illegible], [illegible], [illegible]
    - [illegible] ([illegible], [illegible], [illegible], [illegible]) [illegible]

- [illegible], [illegible], [illegible]

4. **[illegible] (Performance Assessment)**
   - [illegible]
   - [illegible]:
     - **[illegible] (Formative Assessment)** – [illegible]
     - **[illegible] (Summative Assessment)** – [illegible]
   - [illegible], [illegible]

[illegible]

1. [illegible] – [illegible]
2. [illegible] – [illegible]
3. [illegible] – [illegible]
4. [illegible] – [illegible]
5. [illegible] – [illegible]

[illegible]

[illegible], [illegible], [illegible]-[illegible]— [illegible], [illegible], [illegible]— [illegible]

5. [illegible] (Instructional Sequencing Structure)

[illegible]

[illegible] (Instructional Sequencing Structure) [illegible]

[illegible]

[illegible] (Steps of Instructional Sequencing Structure)

[illegible]:

1. [illegible] (Setting Instructional Objectives)

- [illegible]
- [illegible] ([illegible]), [illegible] ([illegible]) [illegible] ([illegible]) [illegible]
- [illegible]: [illegible] "[illegible]" [illegible], [illegible]

2. [illegible] (Assessment of Prior Knowledge)

- [illegible] (Entry Behavior) [illegible]
- [illegible], [illegible]
- [illegible]: [illegible], [illegible]

3. [illegible] (Organization of Instructional Content)

- [illegible], [illegible]
- [illegible]: [illegible] "[illegible]" [illegible], [illegible] (Force) [illegible] (Motion) [illegible]

4. [illegible] (Selection of Teaching Strategies & Methods)

- [illegible] ([illegible], [illegible], [illegible], [illegible]) [illegible]
- [illegible]: [illegible]

5. [illegible] (Instructional Activities & Sequencing)

- [illegible]
- [illegible]-[illegible]
- [illegible]: [illegible], [illegible], [illegible]

6. [illegible] (Assessment & Evaluation)

- [illegible]
- [illegible]:
  - [illegible] **(Formative Assessment)** – [illegible]
  - [illegible] **(Summative Assessment)** – [illegible]
- [illegible]: [illegible], [illegible], [illegible]

7. [illegible] (Feedback & Remedial Measures)

- [illegible]
- [illegible], [illegible]

[illegible] (Importance of Instructional Sequencing Structure)

1. [illegible] – [illegible]
2. [illegible] – [illegible]
3. [illegible] – [illegible]
4. [illegible] – [illegible]
5. [illegible] – [illegible]
6. [illegible] – [illegible]

[illegible]

[illegible], [illegible], [illegible]

6. [illegible] (ICT) [illegible]-[illegible]

[illegible] (ICT) [illegible]

[illegible] (Information and Communication Technology - ICT) [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]-[illegible], [illegible], [illegible], [illegible], [illegible] (AI), [illegible]

ICT [illegible]:

1. [illegible] – [illegible]
2. [illegible] – [illegible]
3. [illegible] – ICT [illegible]

4. [illegible] **(Flexibility)** – ICT [illegible]
5. [illegible] – [illegible]

[illegible]-[illegible] ICT [illegible]

[illegible] (ICT) [illegible] ICT [illegible], [illegible] (Interactive) [illegible]

1. [illegible]

- [illegible]
- [illegible], [illegible]-[illegible]

2. [illegible]

- ICT [illegible]-[illegible], [illegible], [illegible], [illegible]
- [illegible] (Discussion Forums) [illegible] (Webinars) [illegible]

3. [illegible]

- [illegible], [illegible]-[illegible], [illegible]
- [illegible]

4. [illegible] (Personalized Learning) [illegible]

- ICT [illegible] **AI-**[illegible]
- [illegible], [illegible], [illegible]

5. [illegible]-[illegible]

- ICT [illegible] (Open & Distance Learning - ODL) [illegible]
- [illegible] **SWAYAM, NPTEL, Coursera, Udemy** [illegible]

6. [illegible]

- ICT [illegible] (CBT - Computer Based Test) [illegible]
- [illegible] AI [illegible]-[illegible]

7. [illegible]

- ICT [illegible]-[illegible], [illegible]
- [illegible]: **National Digital Library of India (NDLI)**, **Google Books**, [illegible] **JSTOR** [illegible]

8. [illegible] (Inclusive Education)

- ICT [illegible], [illegible]-[illegible] (Screen Readers, Speech-to-Text, [illegible] Braille Display) [illegible], [illegible]

[illegible]

[illegible] (ICT) [illegible]-[illegible], [illegible] ICT [illegible] ICT [illegible]-[illegible]

7. [illegible]? [illegible]

[illegible]

[illegible] (Learning) [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]

1. **[illegible] (Experiential Learning)**
   - [illegible]
   - [illegible]: [illegible]

2. **[illegible] (Reinforcement) [illegible]**
   - [illegible] (Positive Reinforcement) [illegible] (Negative Reinforcement) [illegible]
   - [illegible]: [illegible]

3. **[illegible] (Cognitive Learning)**
   - [illegible], [illegible], [illegible]
   - [illegible]: [illegible]

4. **[illegible] (Observational Learning)**
   - [illegible]
   - [illegible]: [illegible]-[illegible]

5. **[illegible] (Constructivist Learning)**
   - [illegible]
   - [illegible]: [illegible]

6. **[illegible] (Latent Learning)**
   - [illegible], [illegible], [illegible]
   - [illegible]: [illegible], [illegible]

[illegible]

1. **[illegible] (Personal Factors)**
   - [illegible] (Intelligence)
   - [illegible] (Interest)
   - [illegible] (Motivation)
   - [illegible] (Mental & Physical Health)

2. **[illegible] (Environmental Factors)**
   - [illegible]

- [illegible]
- [illegible]

3. [illegible] **(Psychological Factors)**
   - [illegible]
   - [illegible]
   - [illegible]

4. [illegible] **(Teaching Methods)**
   - [illegible]
   - [illegible]
   - [illegible]

5. [illegible] **(Language & Communication)**
   - [illegible]
   - [illegible]

6. [illegible] **(Technology)**
   - [illegible]
   - [illegible]

[illegible]

[illegible]

[illegible]: [illegible], [illegible]

[illegible] (Meaning of Evaluation)

[illegible] (Evaluation) [illegible]

[illegible] (Nature of Evaluation)

1. [illegible] **(Continuous Process)** – [illegible]

2. [illegible]-[illegible] **(Goal-Oriented)** – [illegible]
3. [illegible] **(Comprehensive)** – [illegible], [illegible] (Cognitive), [illegible] (Affective) [illegible] (Psychomotor) [illegible]
4. [illegible] **(Diagnostic and Remedial)** – [illegible]
5. [illegible] **(Measurement and Decision-Making)** – [illegible] (Quantitative) [illegible] (Qualitative) [illegible]
6. [illegible] **(Objectivity)** – [illegible]

[illegible] (Types of Evaluation)

1. [illegible]

1. **[illegible] (Placement Evaluation)**
   - [illegible]
   - [illegible]: [illegible]

2. **[illegible] (Formative Evaluation)**
   - [illegible]
   - [illegible]: [illegible]-[illegible], [illegible]

3. **[illegible] (Summative Evaluation)**
   - [illegible]
   - [illegible]: [illegible], [illegible]

4. **[illegible] (Diagnostic Evaluation)**
   - [illegible]
   - [illegible]: [illegible]

5. **[illegible] (Prognostic Evaluation)**
   - [illegible]
   - [illegible]: [illegible]

---

2. [illegible]

1. **[illegible] (Quantitative Evaluation)**

- [illegible]
- [illegible]

2. [illegible] **(Qualitative Evaluation)**
   - [illegible]
   - [illegible]

3. [illegible] **(Formal Evaluation)**
   - [illegible]
   - [illegible]

4. [illegible] **(Informal Evaluation)**
   - [illegible]
   - [illegible]

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3. [illegible]

1. [illegible] **(Oral Evaluation)** – [illegible]
2. [illegible] **(Written Evaluation)** – [illegible]
3. [illegible] **(Practical Evaluation)** – [illegible]
4. [illegible]-[illegible] **(Self-Evaluation)** – [illegible]
5. [illegible] **(Peer Evaluation)** – [illegible]

[illegible] (Conclusion)

[illegible]

Short Answer

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]:
6. [illegible]

Long Answer

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]
5. [illegible]

6. [illegible], [illegible]
7. [illegible], [illegible]
8. [illegible]

Note-2

Short

1. [illegible] (Nature of Teaching)

[illegible] (Teaching) [illegible], [illegible], [illegible], [illegible]:

- [illegible] – [illegible], [illegible]
- [illegible] – [illegible] ([illegible], [illegible]) [illegible]
- [illegible] **(Interactive Process)** – [illegible], [illegible]
- [illegible] – [illegible], [illegible]
- [illegible] – [illegible]

2. [illegible] (Concept of Brain Stimulation)

[illegible] (Brain Stimulation) [illegible], [illegible]:

- [illegible] **(Sensory Stimulation)** – [illegible], [illegible], [illegible]
- [illegible] **(Positive Reinforcement)** – [illegible], [illegible]
- [illegible]-[illegible] **(Problem-Solving Activities)** – [illegible], [illegible], [illegible]
- [illegible] **(Physical Activities)** – [illegible], [illegible]
- [illegible] **(Music & Art)** – [illegible]

[illegible], [illegible]-[illegible] [illegible], [illegible]

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3. [illegible] (Types of Learning)

[illegible] (Learning) [illegible], [illegible], [illegible], [illegible]:

(A) [illegible] (Gagné's Types of Learning)

1. [illegible] **(Signal Learning)** – Pavlov [illegible], [illegible]
2. [illegible]-[illegible] **(Stimulus-Response Learning)** – [illegible] (Thorndike [illegible])[illegible]
3. [illegible] **(Chaining Learning)** – [illegible]-[illegible]
4. [illegible] **(Verbal Learning)** – [illegible]
5. [illegible] **(Discriminative Learning)** – [illegible]

6. [illegible] **(Concept Learning)** – [illegible], [illegible]
7. [illegible] **(Rule Learning)** – [illegible]
8. [illegible]**-**[illegible] **(Problem-Solving Learning)** – [illegible], [illegible]

(B) [illegible]

- [illegible] **(Active Learning)** – [illegible]
- [illegible] **(Passive Learning)** – [illegible]
- [illegible]**:** [illegible] **(Self-Directed Learning)** – [illegible]
- [illegible] **(Latent Learning)** – [illegible], [illegible]

---

4. [illegible] (Formative Evaluation)

[illegible] (Formative Evaluation) [illegible], [illegible]-[illegible]

[illegible]:

- [illegible] – [illegible]-[illegible]
- [illegible] – [illegible]
- [illegible] – [illegible]
- [illegible] – [illegible]

[illegible]:

- [illegible]-[illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

---

5. [illegible] (Grading and Its Types)

[illegible]

[illegible] (Grading) [illegible], [illegible] A+, A, B, C, [illegible]

[illegible]:

(A) [illegible] (Relative Grading / Norm-Referenced Grading)

- [illegible]
- [illegible]: [illegible] A [illegible] C [illegible]

(B) [illegible] (Absolute Grading / Criterion-Referenced Grading)

- [illegible], [illegible]
- [illegible]:
  - **90-100% = A+**
  - **80-89% = A**
  - **70-79% = B**

(C) [illegible] (Descriptive Grading)

- [illegible]
- [illegible]: "[illegible], [illegible]"

(D) [illegible] (Mixed Grading System)

- [illegible]

[illegible]

[illegible], [illegible], [illegible], [illegible]

[illegible]

Long

1. [illegible]

[illegible]

(1) [illegible] (Pre-Active Stage) / [illegible]-[illegible]

[illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]

---

(2) [illegible] (Active Stage) / [illegible]

[illegible]

[illegible]:

- [illegible] **(Introduction Activity):** [illegible]

- **[illegible]:** [illegible] ([illegible], [illegible]-[illegible], [illegible]) [illegible]
- **[illegible]:** [illegible], [illegible], [illegible]
- **[illegible]:** [illegible]
- **[illegible] (Reinforcement):** [illegible] ([illegible], [illegible]) [illegible]

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(3) [illegible] (Post-Active Stage) / [illegible]

[illegible]

[illegible]:

- **[illegible] (Evaluation):** [illegible]:
  - *[illegible] (Formative Assessment)* – [illegible]
  - *[illegible] (Summative Assessment)* – [illegible]
  - *[illegible] (Continuous Assessment)* – [illegible]
- **[illegible]:** [illegible]
- **[illegible]:** [illegible]

---

2. [illegible]

[illegible] (Definition of Teaching)

[illegible] (Teaching) [illegible], [illegible], [illegible], [illegible]

[illegible]:

1. **[illegible] (Gagné):** "[illegible]"
2. **[illegible] (Moore):** "[illegible], [illegible]"

3. [illegible] **(Bruner):** "[illegible]"

[illegible] (Descriptive Theories of Teaching)

[illegible], [illegible]

1. [illegible] (Behaviorist Teaching Theories)

[illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible] (Imitation) [illegible]-[illegible]

[illegible]:

- [illegible] **(Trial and Error Theory)**
- [illegible] **(Classical Conditioning Theory)**
- [illegible] **(Operant Conditioning Theory)**

---

2. [illegible] (Cognitive Teaching Theories)

[illegible], [illegible], [illegible]-[illegible] [illegible]-[illegible]

[illegible]:

- [illegible], [illegible]
- [illegible]

[illegible]:

- [illegible] **(Cognitive Development Theory)**

- [illegible] **(Discovery Learning Theory)**
- [illegible] **(Social-Cultural Theory)**

---

3. [illegible] (Constructivist Teaching Theories)

[illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]

[illegible]:

- [illegible] **(Experiential Learning Theory)**
- [illegible] **(Cognitive Discovery Theory)**
- [illegible] **(Zone of Proximal Development - ZPD)**

[illegible]

[illegible]

3. [illegible]

[illegible] (Fundamental Elements of Teaching Models)

[illegible] (Teaching Model) [illegible]

[illegible]:

1. [illegible] **(Overview):** [illegible]
2. [illegible] **(Instructional Objectives):** [illegible]
3. [illegible] **(Structure):** [illegible]
4. [illegible] **(Teaching Strategies):** [illegible]
5. [illegible] **(Learning Environment):** [illegible]
6. [illegible] **(Support Materials):** [illegible]
7. [illegible] **(Evaluation):** [illegible]

[illegible] (Inquiry Training Model)

[illegible]:

[illegible] (Inquiry Training Model) [illegible] **(Richard Suchman)** [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]

[illegible]:

1. [illegible] **(Presentation of the Problem):** [illegible]
2. [illegible] **(Inquiry Process):** [illegible]
3. [illegible] **(Data Collection):** [illegible]
4. [illegible] **(Hypothesis Formulation):** [illegible]
5. [illegible] **(Testing & Conclusion):** [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]

---

4. [illegible]

[illegible] (Exemplary Teaching Design)

[illegible], [illegible], [illegible]

[illegible]:

1. [illegible] **(Instructional Objectives):**
   - [illegible]? ([illegible], [illegible], [illegible])
   - [illegible]
2. [illegible] **(Organization of Content):**
   - [illegible]
   - [illegible]
3. [illegible] **(Selection of Teaching Methods):**
   - [illegible], [illegible] – [illegible], [illegible], [illegible]-[illegible] [illegible]
   - [illegible]

4. [illegible] **(Use of Teaching Resources):**
   - [illegible], [illegible], [illegible]-[illegible]
   - [illegible], [illegible], [illegible]-[illegible]

5. [illegible]-[illegible] **(Teaching-Learning Activities):**
   - [illegible], [illegible], [illegible]
   - [illegible], [illegible] – [illegible], [illegible]

6. [illegible] **(Motivation & Reinforcement):**
   - [illegible] ([illegible], [illegible])[illegible]
   - [illegible]

7. [illegible] **(Evaluation Process):**
   - [illegible] (Diagnostic Assessment)
   - [illegible] (Formative Assessment)
   - [illegible] (Summative Assessment)

8. [illegible] **(Feedback & Improvement):**
   - [illegible]
   - [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]

[illegible]:

[illegible], [illegible]

5. [illegible]

[illegible]

[illegible] (Learning) [illegible], [illegible], [illegible], [illegible], [illegible] [illegible]

[illegible]:

1. [illegible] (Crow & Crow): "[illegible], [illegible]"
2. [illegible] (Skinner): "[illegible]"

[illegible] (Importance of Learning)

[illegible], [illegible], [illegible], [illegible]

1. [illegible]:
   - [illegible]
   - [illegible]
2. [illegible]:
   - [illegible] – [illegible], [illegible]-[illegible], [illegible]
   - [illegible]
3. [illegible]:
   - [illegible], [illegible], [illegible], [illegible]
   - [illegible]
4. [illegible]:
   - [illegible], [illegible]
   - [illegible]
5. [illegible]:
   - [illegible]
   - [illegible]

[illegible] (Factors Affecting Learning)

[illegible]:

(1) [illegible] (Personal Factors):

- [illegible] **(Age):** [illegible], [illegible]
- [illegible] **(Intelligence):** [illegible]
- [illegible] **(Interest & Motivation):** [illegible], [illegible]
- [illegible] **(Health & Mental Condition):** [illegible]
- [illegible] **(Experience):** [illegible]

(2) [illegible] (Environmental Factors):

- [illegible] **(Family & Social Environment):** [illegible]-[illegible], [illegible]
- [illegible] **(School & Teacher):** [illegible], [illegible], [illegible]
- [illegible] **(Peers & Groups):** [illegible]

(3) [illegible] (Educational Factors):

- [illegible] **(Teaching Methods):** [illegible] ([illegible], [illegible], [illegible]) [illegible]
- [illegible] **(Curriculum):** [illegible]
- [illegible] **(Assessment System):** [illegible]

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6. [illegible], [illegible]

[illegible] (Concept of Interaction Analysis)

[illegible] (Interaction Analysis) [illegible]

[illegible] (Flanders' Interaction Analysis System - FIAS)

[illegible]. [illegible] [illegible]. [illegible] (Ned A. Flanders) [illegible] 1960 [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]

[illegible] (Process of Flanders' Interaction Analysis)

[illegible] 10 [illegible]:

(A) [illegible]-[illegible] (Teacher Talk) - 7 [illegible]

1. [illegible] **(Accepting Feeling):** [illegible]
2. [illegible] **(Praise & Encouragement):** [illegible]
3. [illegible] **(Accepting or Using Student Ideas):** [illegible]
4. [illegible] **(Lecturing):** [illegible]
5. [illegible] **(Asking Questions):** [illegible]
6. [illegible] **(Giving Directions):** [illegible]
7. [illegible] **(Criticizing or Justifying Authority):** [illegible]

(B) [illegible]-[illegible] (Student Talk) - 2 [illegible]
8. [illegible] **(Student Talk - Response):** [illegible]
9. [illegible] **(Student Talk - Initiation):** [illegible]

(C) [illegible] (Silence or Confusion) - 1 [illegible]
10. [illegible] / [illegible] **(Silence or Confusion):** [illegible]

[illegible] (Importance of Flanders' Interaction Analysis System)

- [illegible]-[illegible]
- [illegible]
- [illegible]
- [illegible]
- [illegible]

[illegible]:

[illegible], [illegible], [illegible]

7. [illegible], [illegible]

[illegible] (Meaning of Evaluation)

[illegible] (Evaluation) [illegible]-[illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]:

1. [illegible] **(Cronbach):** "[illegible], [illegible], [illegible]"
2. [illegible] **(Thorndike):** "[illegible]"
3. [illegible]. [illegible]. [illegible] **(N. M. Anderson):** "[illegible]-[illegible], [illegible]"

[illegible] (Need for Evaluation)

[illegible]:

1. [illegible]: [illegible]
2. [illegible]: [illegible]
3. [illegible]: [illegible]
4. [illegible]: [illegible]
5. [illegible]: [illegible]
6. [illegible]: [illegible]

[illegible] (Characteristics of Evaluation)

1. [illegible] **(Goal-Oriented Process):** [illegible]
2. [illegible] **(Continuous Process):** [illegible], [illegible]-[illegible]
3. [illegible] **(Comprehensive):** [illegible], [illegible], [illegible], [illegible]
4. [illegible] **(Outcome-Based & Diagnostic):** [illegible]
5. [illegible] **(Use of Multiple Methods):** [illegible] – [illegible], [illegible], [illegible], [illegible], [illegible]
6. [illegible] **(Flexibility):** [illegible]
7. [illegible] **(Objectivity):** [illegible], [illegible]
8. [illegible]-[illegible] **(Integral Part of Teaching-Learning Process):** [illegible], [illegible]

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8. [illegible] (Continuous and Comprehensive Evaluation - CCE)

[illegible] (Concept of Continuous & Comprehensive Evaluation - CCE)

[illegible] (CCE) [illegible] (NCERT) [illegible] (NEP) 2009 [illegible]

[illegible]:

"[illegible], [illegible]"

[illegible] (Two Components of CCE)

CCE [illegible]:

1. [illegible] (Continuous Evaluation):
   - [illegible], [illegible]-[illegible]
   - [illegible], [illegible], [illegible], [illegible],
   - [illegible]

2. [illegible] (Comprehensive Evaluation):
   - [illegible]
   - [illegible], [illegible], [illegible], [illegible], [illegible]-[illegible]
   - [illegible]-[illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible] (Features of CCE)

1. [illegible]: [illegible], [illegible]
2. [illegible]: [illegible], [illegible]
3. [illegible]: [illegible], [illegible]-[illegible]

4. [illegible]: [illegible], [illegible], [illegible], [illegible] [illegible]
5. [illegible]: [illegible]
6. [illegible]: CCE [illegible]

[illegible] (Importance of CCE)

1. [illegible]
2. [illegible]
3. [illegible]-[illegible]
4. [illegible]
5. [illegible], [illegible]-[illegible] [illegible]

[illegible]

[illegible], [illegible]-[illegible] [illegible] (CCE) [illegible], [illegible]

Short Note

1. [illegible]
2. [illegible]
3. [illegible]

4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]

1. [illegible]

[illegible]:
[illegible]

[illegible]:

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]:** [illegible]
4. **[illegible]:** [illegible]
5. **[illegible]:** [illegible]

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2. [illegible]

[illegible]:
[illegible] (Demonstration Strategy) [illegible]

[illegible]:

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]:** [illegible]
4. **[illegible]:** [illegible]
5. **[illegible]:** [illegible]

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3. [illegible]

[illegible]

[illegible]:

1. **[illegible]:**
   - [illegible]
   - [illegible]
   - [illegible]
   - [illegible]

2. **[illegible]:**
   - [illegible]
   - [illegible]
   - [illegible]
   - [illegible]

3. **[illegible]:**
   - [illegible]
   - [illegible]
   - [illegible]

4. **[illegible]:**
   - [illegible]-[illegible]
   - [illegible]
   - [illegible]

[illegible]

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4. [illegible]

[illegible]:
[illegible], [illegible], [illegible], [illegible]

[illegible] (CCE) [illegible]:

1. **[illegible] (Continuous Evaluation):**
   - [illegible]
   - [illegible]

2. **[illegible] (Comprehensive Evaluation):**
   - [illegible] [illegible]-[illegible]
   - [illegible], [illegible], [illegible]

[illegible]:

1. [illegible]
2. [illegible]-[illegible]
3. [illegible]
4. [illegible]

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5. [illegible]:

([illegible]) [illegible]

[illegible], [illegible]

([illegible]) [illegible]

[illegible] (Skinner), [illegible] (Piaget), [illegible] (Vygotsky) [illegible]

([illegible]) [illegible]

[illegible], [illegible], [illegible], [illegible]-[illegible], [illegible]

([illegible]) [illegible]-[illegible] [illegible]

[illegible]-[illegible] [illegible], [illegible] – [illegible], [illegible], [illegible], [illegible], [illegible]-[illegible], [illegible] [illegible]

([illegible]) [illegible]

[illegible], [illegible], [illegible], [illegible]

[illegible]:
[illegible], [illegible], [illegible], [illegible]

5. [illegible]

[illegible]:
[illegible] (Constructivism) [illegible], [illegible] (Jean Piaget) [illegible] (Lev Vygotsky) [illegible]

[illegible] (Goals of Teaching According to Constructivism):

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]-[illegible]:** [illegible]
4. **[illegible]:** [illegible]
5. **[illegible]:** [illegible]
6. **[illegible]:** [illegible]

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6. [illegible]-[illegible]

[illegible]:
[illegible]-[illegible] (Mobile Learning) [illegible], [illegible], [illegible]

[illegible] (Advantages of M-Learning):

1. **[illegible], [illegible]:** [illegible]-[illegible]
2. **[illegible]:** [illegible], [illegible], [illegible]
3. **[illegible]:** [illegible]
4. **[illegible]:** [illegible]
5. **[illegible]:** [illegible]

[illegible] (Disadvantages of M-Learning):

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]:** [illegible]
4. **[illegible]:** [illegible]
5. **[illegible]:** [illegible], [illegible]

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7. [illegible]

[illegible]:
[illegible], [illegible] (A, B, C, D, E) [illegible]

[illegible]:

1. **[illegible] (Direct Grading):** [illegible], [illegible] A+, A, B, C [illegible]
2. **[illegible] (Relative Grading):** [illegible]
3. **[illegible] (Absolute Grading):** [illegible], [illegible] 90-100 = A, 80-89 = B [illegible]

4. [illegible] **(Descriptive Grading):** [illegible]
5. [illegible] **(CCE Grading):** [illegible]

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8. [illegible] (Assessment Tools)

[illegible]

[illegible]:

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]:** [illegible]
4. **[illegible] (Observation):** [illegible]
5. **[illegible]:** [illegible]
6. **[illegible] (Self-Assessment):** [illegible]
7. **[illegible] (Peer Assessment):** [illegible]

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9. [illegible]

[illegible]

1. [illegible] (Diagnostic Assessment):

- [illegible]
- [illegible]: [illegible], [illegible]

2. [illegible] (Formative Assessment):

- [illegible]
- [illegible]: [illegible], [illegible], [illegible]

3. [illegible] (Summative Assessment):

- [illegible]
- [illegible]: [illegible], [illegible], [illegible]

4. [illegible]-[illegible] (Self-Assessment):

- [illegible]
- [illegible]: [illegible], [illegible]

5. [illegible] (Peer Assessment):

- [illegible]-[illegible]
- [illegible]: [illegible]

6. [illegible] (Continuous and Comprehensive Evaluation - CCE):

- [illegible]-[illegible]
- [illegible]: [illegible], [illegible], [illegible]

[illegible]:

[illegible]-[illegible], [illegible], [illegible]

1. [illegible]
2. [illegible]-[illegible], [illegible]-[illegible] [illegible]-[illegible] [illegible]
3. [illegible]? [illegible]
4. [illegible]? [illegible]
5. [illegible]-[illegible] [illegible]

1. [illegible]

[illegible]:
[illegible], [illegible]

[illegible]:

1. [illegible] (Behaviorism) – [illegible], [illegible]

- [illegible], [illegible] (conditioning) [illegible]
- [illegible] (direct instruction) [illegible]-[illegible] [illegible]
- [illegible]: [illegible], [illegible]

2. [illegible] (Cognitivism) – [illegible]

- [illegible] ([illegible], [illegible], [illegible]-[illegible]) [illegible]
- [illegible]
- [illegible]: [illegible]

3. [illegible] (Constructivism) – [illegible], [illegible]

- [illegible]
- [illegible] (inquiry-based) [illegible]-[illegible] (problem-based) [illegible]
- [illegible]: [illegible]-[illegible]

4. [illegible] (Social Learning Theory) – [illegible]

- [illegible] (modeling) [illegible]
- [illegible]: [illegible]

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2. [illegible]-[illegible], [illegible]-[illegible] [illegible]-[illegible]

(1) [illegible]-[illegible] (Pre-Active Phase)

- [illegible]
- [illegible]-[illegible], [illegible]-[illegible]

[illegible]:

1. [illegible] – [illegible]
2. [illegible] – [illegible], [illegible]-[illegible], [illegible]
3. [illegible] – [illegible], [illegible], [illegible]
4. [illegible]-[illegible] – [illegible]

(2) [illegible]-[illegible] (Interactive Phase)

- [illegible]

[illegible]:

1. [illegible] – [illegible], [illegible], [illegible]
2. [illegible] – [illegible]
3. [illegible] – [illegible], [illegible], [illegible]
4. [illegible] – [illegible]

(3) [illegible]-[illegible] (Post-Active Phase)

- [illegible] (conclusion) [illegible]

[illegible]:

1. [illegible] – [illegible]
2. [illegible] (Feedback) – [illegible]
3. [illegible] (Homework) – [illegible]

---

3. [illegible]? [illegible]

[illegible] (Teaching Model):
[illegible], [illegible]

[illegible] (Concept Attainment Model)

[illegible], [illegible] (Concepts) [illegible]

[illegible]:

1. **[illegible] (Presentation of Examples):**
   - [illegible]
   - [illegible]
2. **[illegible] (Testing the Concept):**
   - [illegible]
3. **[illegible] (Drawing a Conclusion):**
   - [illegible]
4. **[illegible] (Application):**
   - [illegible]

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4. [illegible]? [illegible]

[illegible] (Team Teaching):

[illegible], [illegible], [illegible]

[illegible]:

1. [illegible]: [illegible]
2. [illegible]: [illegible], [illegible]
3. [illegible]: [illegible]
4. [illegible]: [illegible]

[illegible]:

✔ [illegible]
✔ [illegible]
✔ [illegible]

[illegible]:

[illegible]
[illegible]
[illegible]

---

5. [illegible]-[illegible]

[illegible]:
[illegible] (FIAS) [illegible]. [illegible]

[illegible]:

1. **[illegible] (Teacher Talk) –**
   - [illegible] (Direct) – [illegible], [illegible]
   - [illegible] (Indirect) – [illegible], [illegible]

2. **[illegible] (Student Talk) –**
   - [illegible], [illegible]

3. **[illegible] (Silence & Confusion) –**
   - [illegible], [illegible]

[illegible]:

✔ [illegible]
✔ [illegible]
✔ [illegible]

[illegible]:

[illegible]

Mob-

HIND ZONE

vkfnR; lj

Mob-

Short Answer

1. [illegible]
2. [illegible] ? [illegible]
3. [illegible] 10 [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
7. [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
11. [illegible]
12. [illegible]
13. [illegible]- [illegible]
14. [illegible]-[illegible]
15. [illegible]
16. [illegible]
17. [illegible]
18. [illegible]
19. [illegible]
20. [illegible]/[illegible]
21. [illegible]-[illegible]
22. [illegible]
23. [illegible]
24. [illegible]
25. ICT [illegible]
26. [illegible]

1. [illegible]

[illegible]:

1. **[illegible]-[illegible] (Pre-Active Phase):**
   - [illegible]
   - [illegible]
   - [illegible]
2. **[illegible]-[illegible] (Interactive Phase):**
   - [illegible]-[illegible]
   - [illegible]
   - [illegible]
3. **[illegible]-[illegible] (Post-Active Phase):**
   - [illegible]
   - [illegible]
   - [illegible]

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2. [illegible] (Brainstorming Strategy) [illegible]

[illegible] (Brainstorming) [illegible], [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]-[illegible]
✔ [illegible]

[illegible]:
[illegible] "[illegible]" [illegible], [illegible], [illegible]

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3. [illegible] 10 [illegible]

[illegible]. [illegible]-[illegible] 10 [illegible], [illegible]:

(A) [illegible] (Teacher Talk)

1. [illegible] **(Accepts Feelings)** – [illegible]
2. [illegible] **(Praises or Encourages)** – [illegible]
3. [illegible] **(Accepts or Uses Ideas of Students)** – [illegible]
4. [illegible] **(Asks Questions)** – [illegible]

(B) [illegible] (Student Talk)

5. [illegible] **(Student Talk - Response)** – [illegible]
6. [illegible] **(Student Talk - Initiation)** – [illegible]

(C) [illegible] (Silence or Confusion)

7. [illegible] **(Silence or Pauses)** – [illegible]
8. [illegible] **(Confusion or Noise)** – [illegible]

(D) [illegible] (Direct Influence)

9. [illegible] **(Lecturing)** – [illegible]
10. [illegible] **(Giving Directions)** – [illegible]

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4. [illegible]

(i) [illegible]

[illegible], [illegible] ([illegible], [illegible], [illegible], [illegible]) [illegible]

[illegible]:

✔ [illegible] (CCE) [illegible]

✔ [illegible]

✔ [illegible]-[illegible]

(ii) [illegible]

[illegible], [illegible]

[illegible]:

1. **[illegible] (Absolute Grading):** [illegible] ([illegible] 90-100 = A)[illegible]
2. **[illegible] (Relative Grading):** [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]
✔ [illegible]

(iii) [illegible]

[illegible]:

1. **[illegible]-[illegible]:** [illegible]
2. **[illegible]-[illegible]:** [illegible]
3. **[illegible]-[illegible]:** [illegible]

[illegible]

[illegible], [illegible], [illegible], [illegible]

8. [illegible] (Simulation)

[illegible], [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]
✔ [illegible]-[illegible]

[illegible]:

- [illegible]
- [illegible]

---

9. [illegible] (Constructivism)

[illegible], [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]
✔ [illegible]

[illegible]:

- [illegible]-[illegible]
- [illegible]-[illegible]

---

10. [illegible] (CCE – Continuous and Comprehensive Evaluation)

CCE [illegible], [illegible] ([illegible]) [illegible] ([illegible]) [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]-[illegible]
✔ [illegible]

[illegible]:

- [illegible]
- [illegible]

---

11. [illegible] (Learning Styles)

[illegible]-[illegible] [illegible]:

1. [illegible] **(Visual Learners):** [illegible], [illegible], [illegible]
2. [illegible] **(Auditory Learners):** [illegible]
3. [illegible]-[illegible] **(Kinesthetic Learners):** [illegible]
4. [illegible]-[illegible] **(Reading/Writing Learners):** [illegible]

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12. [illegible]

[illegible], [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]
✔ [illegible]

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13. [illegible]-[illegible] (ICT) [illegible]

[illegible] (ICT) [illegible]-[illegible]

[illegible]:
✔ [illegible], [illegible]
✔ [illegible] ([illegible] Zoom, Google Classroom)[illegible]
✔ [illegible]-[illegible]

[illegible]:

- [illegible]
- [illegible]-[illegible]
- [illegible]

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14. [illegible]-[illegible]

[illegible] [illegible]. [illegible]

[illegible]:
✔ [illegible]
✔ [illegible]
✔ [illegible]

[illegible]:
[illegible]-[illegible], [illegible], ICT [illegible]

15. [illegible]

[illegible] (Formative Assessment) [illegible] (Summative Assessment) [illegible]:

विशेषता	रचनात्मक मूल्यांकन	संकलनात्मक मूल्यांकन
उद्देश्य	सीखने की प्रक्रिया में सुधार करना	छात्र की संपूर्ण उपलब्धि का मूल्यांकन करना
समय	शिक्षण के दौरान लगातार किया जाता है	शिक्षण के अंत में किया जाता है
स्वरूप	परियोजना, प्रस्तुति, होमवर्क, समूह चर्चा आदि	वार्षिक परीक्षा, सेमेस्टर परीक्षा, फाइनल टेस्ट आदि
प्रतिक्रिया	तुरंत फीडबैक देकर सुधार किया जाता है	परिणाम के आधार पर निर्णय लिया जाता है
उदाहरण	कक्षा के दौरान प्रश्नोत्तर, असाइनमेंट	टर्मिनल एग्जाम, बोर्ड परीक्षा

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16. [illegible]

[illegible], [illegible]

[illegible]:

1. **[illegible] (Direct Grading):** [illegible], [illegible] A, B, C, D[illegible]
2. **[illegible] (Relative Grading):** [illegible]
3. **[illegible] (Absolute Grading):** [illegible], [illegible] 90% [illegible] = A [illegible]
4. **[illegible] (Descriptive Grading):** [illegible]
5. **[illegible] (Statistical Grading):** [illegible]

17. [illegible] (CCE)

[illegible] (Continuous and Comprehensive Evaluation - CCE) [illegible]

[illegible]:

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]:** [illegible]
4. **[illegible]:** [illegible]

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18. [illegible]

[illegible] (Written Test)

- [illegible]
- [illegible]
- [illegible]
- [illegible]

[illegible] (Oral Test)

- [illegible]
- [illegible]
- [illegible]
- [illegible]

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19. [illegible]

1. **[illegible]:** [illegible]
2. **[illegible]:** [illegible]
3. **[illegible]:** [illegible]
4. **[illegible]:** [illegible]

5. [illegible]**:** [illegible], [illegible],
   [illegible], [illegible], [illegible]

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20. [illegible]/[illegible]

[illegible] (Team Teaching) [illegible]

[illegible]:

1. [illegible]**:** [illegible]
2. [illegible]**:** [illegible]-[illegible]
3. [illegible]**:** [illegible]
4. [illegible]**:** [illegible]
5. [illegible]**:** [illegible]

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21. [illegible]-[illegible]

[illegible]-[illegible] (E-Learning) [illegible]-[illegible]

[illegible]:

1. [illegible]**:** [illegible]
2. [illegible]**:** [illegible], [illegible], [illegible], [illegible]
3. [illegible]**:** [illegible]
4. [illegible]**:** [illegible]
5. [illegible]**:** [illegible]-[illegible]-[illegible]
6. [illegible]**:** [illegible]

[illegible]

22. [illegible] (CCE – Continuous and Comprehensive Evaluation)

[illegible] (CCE) [illegible], [illegible]

□□□□□ □□□□□□□□□:
✔ □□□ □□□□□□□□□ **(Continuous Evaluation):** □□□□□□ □□□□-□□□□ □□□□□□ □□ □□□□□□ □□ □□□□□ □□ □□□□□□ □□ □□□□ □□□□ □□□
✔ □□□□□□□ □□□□□□□□□ **(Comprehensive Evaluation):** □□□□ □□□□□□□ □□□□□ □□ □□□□, □□□□□ □□-□□□□□□□□ □□□□□□□□□□ (□□□, □□□□□□□□□□, □□□□□□□ □□□□) □□ □□ □□□□□□□□□ □□□□ □□□□ □□□

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23. □□□□□□ □ □□□□□□□ □□□ □□□□

शिक्षण (Teaching)	अनुदेशन (Instruction)
शिक्षण व्यापक प्रक्रिया है, जिसमें शिक्षक छात्रों को विषयों का ज्ञान देता है।	अनुदेशन सीमित प्रक्रिया है, जिसमें विशेष निर्देश दिए जाते हैं।
यह कक्षा में चर्चा, प्रयोग, व्याख्या आदि के माध्यम से होता है।	यह आमतौर पर प्रत्यक्ष निर्देश या मार्गदर्शन के रूप में दिया जाता है।
इसमें शिक्षक की भूमिका मार्गदर्शक और प्रेरणादायक होती है।	अनुदेशन में शिक्षक केवल कार्यों को निर्देशित करता है।
शिक्षण में छात्रों को सोचने और खोजने के लिए प्रेरित किया जाता है।	अनुदेशन में छात्रों को विशेष निर्देश दिए जाते हैं, जिनका पालन करना होता है।

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24. □□□□□□□□ □□□□□□ (Model Teaching)

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- □□□□□□□□ □□□□□□ □□□□□□ (Project-Based Learning)□

- [illegible] (Discussion, Debate, Role Play)[illegible]

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25. ICT ([illegible]) [illegible]

ICT (Information and Communication Technology) [illegible], [illegible]

[illegible]:

✔ [illegible]
✔ [illegible]
✔ [illegible] (Visual, Auditory, Kinesthetic) [illegible]

[illegible]:

1. [illegible]**:** ICT [illegible], [illegible]
2. [illegible]**-**[illegible]**:** [illegible]
3. [illegible]**:** [illegible]-[illegible], [illegible], [illegible]
4. [illegible]**:** ICT [illegible]
5. [illegible]**:** [illegible]

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26. [illegible] (Grading System)

[illegible], [illegible] (A, B, C, D) [illegible]

[illegible]:

1. [illegible] **(Absolute Grading):** [illegible] ([illegible]: 90-100 = A+)[illegible]
2. [illegible] **(Relative Grading):** [illegible]
3. [illegible] **(Descriptive Grading):** [illegible]

4. [illegible] **(Point Grading):** [illegible] GPA (Grade Point Average)[illegible]

[illegible]:

✔ [illegible]
✔ [illegible]
✔ [illegible]

[illegible]:

[illegible] CCE, ICT, [illegible]

Long Answer

1. [illegible] ?
2. [illegible] ? [illegible]
3. '[illegible] ? [illegible] ? [illegible]
4. '[illegible]' [illegible] ? [illegible]
5. [illegible]
6. [illegible] ? [illegible]?
7. [illegible], [illegible] [illegible]-[illegible]-[illegible] ? [illegible]
8. [illegible]-[illegible] [illegible] ? [illegible]
9. [illegible]
10. [illegible] ? [illegible]
11. [illegible]
12. [illegible] ? [illegible]
13. [illegible]-[illegible]? [illegible]-[illegible]
14. [illegible]? [illegible]

15. [illegible]
16. [illegible]? [illegible]
17. [illegible]
18. [illegible]
19. [illegible]
20. [illegible]
21. [illegible]? [illegible], [illegible] [illegible]
22. [illegible], [illegible]
23. [illegible]? [illegible]
24. [illegible]? [illegible]
25. [illegible]

[illegible]:

1. [illegible]

[illegible]: [illegible], [illegible], [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]

- [illegible], [illegible]-[illegible], [illegible]-[illegible] [illegible] [illegible]

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2. [illegible]

[illegible], [illegible]:

1. **[illegible] (Pre-active Stage):**
   - [illegible]
   - [illegible]-[illegible]
   - [illegible]
2. **[illegible] (Active Stage):**
   - [illegible]
   - [illegible]-[illegible]
   - [illegible]
3. **[illegible] (Post-active Stage):**
   - [illegible]
   - [illegible]
   - [illegible]

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3. [illegible]

[illegible]:
[illegible], [illegible], [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]

[illegible]:
[illegible] "[illegible]" [illegible], [illegible]:

1. [illegible], [illegible]?
2. [illegible], [illegible]?
   [illegible], [illegible]

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4. [illegible]

[illegible]:
[illegible]

[illegible]:

1. **[illegible] (Syntax):** [illegible]
2. **[illegible] (Social System):** [illegible]
3. **[illegible] (Principle of Reaction):** [illegible]
4. **[illegible] (Support System):** [illegible]
5. **[illegible] (Instructional and Nurturant Effects):** [illegible]

[illegible]-[illegible]

5. [illegible], [illegible]

[illegible] **(Computer-Assisted Instruction - CAI)** [illegible]

[illegible]:

1. [illegible] **(Tutorial Mode):**
   - [illegible]
2. [illegible] **(Drill and Practice Mode):**
   - [illegible]
3. [illegible] **(Inquiry Mode):**
   - [illegible]
4. [illegible] **(Simulation Mode):**
   - [illegible] (Virtual Environment) [illegible], [illegible]
5. [illegible] **(Gaming Mode):**
   - [illegible] (Games) [illegible]

[illegible]:

- [illegible]
- [illegible], [illegible]
- [illegible]
- [illegible]

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6. [illegible]

[illegible] (Constructivist Learning):

- [illegible]
- [illegible] (Facilitator) [illegible]
- [illegible], [illegible], [illegible]

अन्य अधिगम प्रकारों से भिन्नता:

विशेषता	व्यवहारवादी अधिगम (Behaviorism)	संज्ञानात्मक अधिगम (Cognitivism)	रचनात्मकतावादी अधिगम (Constructivism)
मुख्य अवधारणा	उत्तेजना और प्रतिक्रिया (Stimulus-Response)	मानसिक प्रक्रियाएँ एवं संज्ञान	ज्ञान का स्वयं निर्माण
शिक्षक की भूमिका	नियंत्रक (Controller)	मार्गदर्शक (Guide)	सहयोगी (Facilitator)
सीखने की प्रक्रिया	अभ्यास और पुनरावृत्ति	मानसिक संरचना का विकास	अनुभव आधारित अधिगम
उदाहरण	रटकर याद करना	समस्या-समाधान पर ध्यान देना	परियोजना आधारित शिक्षण

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7. [illegible], [illegible] [illegible]

1. [illegible] (Cognitive Domain) [illegible]:

- [illegible] **(Written Tests):** [illegible]
- [illegible] **(Oral Tests):** [illegible]
- [illegible]-[illegible] **(Problem-Solving Assessment):** [illegible]

2. [illegible] (Affective Domain) [illegible]:

- [illegible] **(Observation):** [illegible]
- [illegible] **(Interviews):** [illegible]
- [illegible] **(Rubrics):** [illegible], [illegible], [illegible]

3. [illegible] (Psychomotor Domain) [illegible]:

- [illegible] **(Skill Tests):** [illegible], [illegible], [illegible], [illegible]
- [illegible] **(Performance Assessment):** [illegible], [illegible]
- [illegible] **(Psychomotor Scales):** [illegible] (Motor Skills) [illegible]

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8. [illegible]

[illegible]:
[illegible]

[illegible]:

1. **[illegible] (Pre-Assessment):**
   - [illegible] (Prior Knowledge) [illegible]
   - [illegible], [illegible], [illegible]
2. **[illegible] (Formative Assessment):**
   - [illegible] (Feedback) [illegible]
   - [illegible], [illegible], [illegible], [illegible]
3. **[illegible] (Summative Assessment):**
   - [illegible]
   - [illegible], [illegible], [illegible] (Presentations)[illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible] ([illegible], [illegible]) [illegible]

[illegible], [illegible]

[illegible]:

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9. [illegible]

[illegible]:

(1) [illegible] (Memory Level)

[illegible]

[illegible]
[illegible]:

- [illegible], [illegible], [illegible]
- [illegible]

(2) [illegible] (Understanding Level)

[illegible]
[illegible]:

- [illegible]
- [illegible]

(3) [illegible] (Reflective Level)

[illegible]
[illegible]:

- [illegible]
- [illegible]

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10. [illegible]

[illegible]:

1. [illegible] – [illegible]
2. [illegible] – [illegible]
3. [illegible] – [illegible]
4. [illegible] – [illegible], [illegible]
5. [illegible] – [illegible]

[illegible]:

1. [illegible] – [illegible], [illegible]

2. [illegible] – [illegible]
3. [illegible] – [illegible]
4. [illegible] – [illegible]
5. [illegible] – [illegible]

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11. [illegible]

[illegible] (Research Training Model) [illegible]

[illegible]:

1. [illegible] **(Experimental Research Model)** – [illegible]
2. [illegible]**-**[illegible] **(Action Research Model)** – [illegible]
3. [illegible] **(Review-Based Research Model)** – [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]-[illegible]

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12. [illegible]

(A) [illegible]:

1. [illegible] **(Lecture Method)** – [illegible]
2. [illegible]**-**[illegible] **(Discussion Method)** – [illegible]
3. [illegible] **(Laboratory Method)** – [illegible]
4. [illegible] **(Demonstration Method)** – [illegible]

5. [illegible] **(Problem Solving Method)** – [illegible]

(B) [illegible] (Brainstorming Strategy)

[illegible]

[illegible]**:**

- [illegible]
- [illegible]
- [illegible]
  [illegible]**:**
- [illegible]-[illegible]

(C) [illegible] (Lecture Strategy)

[illegible]

[illegible]**:**

- [illegible]
- [illegible]
  [illegible]**:**
- [illegible]
- [illegible], [illegible]

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13. [illegible]-[illegible]

[illegible]-[illegible] (E-Learning) [illegible]:

[illegible]-[illegible] (Electronic Learning) [illegible], [illegible], [illegible], [illegible], [illegible], [illegible]

[illegible]-[illegible]:

1. [illegible] **(Technological Resources)** – [illegible], [illegible] ([illegible], [illegible], [illegible]), [illegible]-[illegible]

2. [illegible] **(Digital Literacy)** – [illegible]
3. [illegible] **(Content Quality)** – [illegible], [illegible]
4. [illegible] **(Role of Instructors)** – [illegible], [illegible], [illegible]
5. [illegible] **(Motivation & Self-Discipline)** – [illegible]
6. [illegible] **(Security & Privacy)** – [illegible]

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14. [illegible], [illegible]

[illegible] (Assessment) [illegible]:

1. [illegible] **(Formative Assessment)** – [illegible]
   - *[illegible]:* [illegible], [illegible], [illegible]
2. [illegible] **(Summative Assessment)** – [illegible]
   - *[illegible]:* [illegible], [illegible], [illegible]
3. [illegible] **(Diagnostic Assessment)** – [illegible]
   - *[illegible]:* [illegible]
4. [illegible] **(Criterion-Referenced Assessment)** – [illegible]
   - *[illegible]:* [illegible] (TOEFL, GRE)[illegible]
5. [illegible] **(Norm-Referenced Assessment)** – [illegible]
   - *[illegible]:* [illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]-[illegible]

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15. [illegible]

1. [illegible] (Written Assessment)

- **[illegible]:** [illegible], [illegible], [illegible] (MCQs)[illegible]

2. [illegible] (Oral Assessment)

- **[illegible]:** [illegible], [illegible], [illegible]

3. [illegible] (Practical Assessment)

- **[illegible]:** [illegible], [illegible]

4. [illegible] (Project-Based Assessment)

- **[illegible]:** [illegible], [illegible], [illegible]

5. [illegible] (Observation Method)

- **[illegible]:** [illegible]

6. [illegible] (Self & Peer Assessment)

- **[illegible]:** [illegible]

---

16. [illegible]

[illegible] (Teaching) [illegible]:

[illegible], [illegible]

[illegible]:

1. **[illegible] (Planning Stage)**
   - [illegible]
   - [illegible]
   - [illegible]

2. **[illegible] (Presentation Stage)**
   - [illegible]

- o [illegible], [illegible], [illegible]
- o [illegible]

3. [illegible] **(Organization Stage)**
    - o [illegible]
    - o [illegible], [illegible]

4. [illegible] **(Evaluation Stage)**
    - o [illegible]
    - o [illegible], [illegible]

5. [illegible] **(Remedial Stage)**
    - o [illegible]
    - o [illegible]
    - o [illegible]

---

17. [illegible]

([illegible]) [illegible]

[illegible], [illegible], [illegible]:

- [illegible]**:** [illegible]
- [illegible]**:** [illegible]
- [illegible]**:** [illegible], [illegible]
- [illegible]**:** [illegible]
- [illegible]**:** [illegible], [illegible]

([illegible]) [illegible]

1. [illegible] **(Memory Level):**
    - o [illegible]
    - o [illegible]
2. [illegible] **(Understanding Level):**

- [illegible]-[illegible]
- [illegible]

3. [illegible] **(Reflective Level):**
   - [illegible]
   - [illegible]

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18. [illegible]

[illegible] (Glaser) [illegible], [illegible] **(Basic Teaching Model)** [illegible]

[illegible]:

1. [illegible] **(Instructional Objectives):**
   - [illegible], [illegible]- [illegible], [illegible], [illegible]
2. [illegible] **(Entry Behavior):**
   - [illegible]
3. [illegible] **(Instructional Process):**
   - [illegible], [illegible]
4. [illegible] **(Performance Assessment):**
   - [illegible]
5. [illegible] **(Feedback & Modification):**
   - [illegible]

[illegible]

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19. [illegible]

([illegible]) [illegible] (Concept of Learning):

[illegible] (Learning) [illegible], [illegible], [illegible], [illegible]

([illegible]) [illegible]:

1. [illegible] **(Personal Factors):**

  - □□□□□□ (Intelligence)
  - □□□□□□□□□□ (Motivation)
  - □□□□ (Interest)
  - □□□□□ (Experience)
2. □□□□□□□□□□ □□□□ **(Environmental Factors):**
  - □□□□□□ □□ □□□□□□□□
  - □□□□□□□□ □□ □□□□□□□□
  - □□□□ □□□ □□□□□□□□□
3. □□□□□□ □□ □□□□□□□ □□□□**:**
  - □□□□□□ □□□□□□□□
  - □□□□□□ □□ □□□□□□□□
  - □□□□□ □□□□□□□□
4. □□□□□□□□□□□□ □□□□**:**
  - □□□□□□□□□□ (Motivation)
  - □□□□□□ (Practice)
  - □□□□□□ (Reinforcement)

□□ □□□□□□ □□ □□□□□□□ □□□□□ □□□□ □□□□□□-□□□□□ □□□□□□□□□□ □□ □□□□□□□ □□□□□ □□ □□□□ □□□

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20. □□□□□□□□□□ □□ □□ □□□□□□ □□□□□□□ □□□ □□□□ □□□□□□□□□□

□□□□□□□□□□ (Flanders) □□ □□□□□ □□□ □□□□ □□□□ □□□□□□-□□□□□ □□ □□□□□□□□ □□□□ □□ □□□ □□ □□□□□□ □□□□□□□ **(Flanders' Interaction Analysis Categories - FIAC)** □□□□□□ □□□

(□) □□ □□□□□□ □□□□□□□ □□ □□□:

(i) □□□□□□ □□□□□□ □□ □□ □□□□□□ (Teacher Talk):

1. □□□□□□□□ **(Accepts Feelings):** □□□□□□□ □□ □□□□□□□ □□ □□□□□□□ □□□□□
2. □□□□□□□ **(Praises or Encourages):** □□□□□□□ □□ □□□□□□□ □□□□□
3. □□□□□□□□ □□ □□□□□□□ **(Accepts or Uses Students' Ideas):** □□□□□□□ □□ □□□□□ □□ □□□□□□□ □□□□□
4. □□□□□□ □□□□□ **(Asking Questions):** □□□□□□ □□□ □□□□□□□ □□ □□□□□□ □□□□ □□ □□□ □□□□□□ □□□□□□

(ii) □□□□□ □□□□□□ □□ □□ □□□□□□ (Student Talk):

5. □□□□□ □□□□□□ □□□□□ **(Student Response):** □□□□□□□ □□ □□□□□ □□□□□

6. □□□□□ □□ □□□ **(Student Initiation):** □□ □□□□□ □□□□□ □□□□□□ □□□□□ □□□ □□ □□□ □□□□ □□□□

(iii) [illegible] (Silence or Confusion):

7. [illegible] **(Silence):** [illegible]

8. [illegible] **(Confusion or Noise):** [illegible]

(iv) [illegible]:

9. [illegible] **(Indirect Influence):** [illegible]

10. [illegible] **(Direct Influence):** [illegible]

([illegible]) [illegible]:

1. **[illegible]:**
   - [illegible]-[illegible]
2. **[illegible]:**
   - [illegible] 10 [illegible]
3. **[illegible]:**
   - [illegible]
4. **[illegible]:**
   - [illegible]

(ग) अर्थापन रूपरेखा:

श्रेणी	गतिविधि	शिक्षक/छात्र का प्रभाव
1	स्वीकृति	सकारात्मक प्रभाव
2	प्रशंसा	प्रेरित करने वाला
3	उत्तर स्वीकारना	छात्र की भागीदारी बढ़ती है
4	प्रश्न पूछना	संज्ञानात्मक विकास
5	छात्र उत्तर	सक्रिय सहभागिता
6	छात्र पहल	रचनात्मकता में वृद्धि
7	मौन	विचारशीलता या व्यवधान
8	भ्रम	शिक्षण में बाधा
9	अप्रत्यक्ष प्रभाव	सहयोगात्मक शिक्षण
10	प्रत्यक्ष प्रभाव	अनुशासनात्मक शिक्षण

([illegible]:

[illegible]:

[illegible], [illegible]

[illegible]:

- [illegible], [illegible]
- [illegible]
- [illegible], [illegible]
- [illegible]

[illegible], [illegible]

21. [illegible]

[illegible] (Evaluation) [illegible]:

[illegible]-[illegible], [illegible]

[illegible]:

1. [illegible] (Formative Evaluation)

[illegible]

[illegible]:

- [illegible]
- [illegible]
- [illegible]
  [illegible]:
- [illegible]-[illegible], [illegible], [illegible]

2. [illegible] (Qualitative Evaluation)

[illegible]

[illegible]:

- [illegible], [illegible], [illegible]

- [illegible]:
- [illegible], [illegible], [illegible]

3. [illegible] (Diagnostic Evaluation)

[illegible]:

- [illegible]
- [illegible]:
- [illegible]-[illegible]

---

22. [illegible], [illegible]

[illegible]:

1. [illegible] (Pre-Active Stage)

[illegible]:

- [illegible]
- [illegible]
- [illegible]
- [illegible]

2. [illegible] (Inter-Active Stage)

[illegible]:

- [illegible]-[illegible]
- [illegible]
- [illegible], [illegible], [illegible], [illegible]
- [illegible]

3. [illegible] (Post-Active Stage)

[illegible]:

- [illegible]
- [illegible], [illegible], [illegible]
- [illegible]

---

23. [illegible]

[illegible]:

1. [illegible] (Memory Level)

- [illegible]
- [illegible]
- [illegible] (rote learning) [illegible]
  [illegible]:
- [illegible], [illegible], [illegible]

2. [illegible] (Understanding Level)

- [illegible]
- [illegible]
  [illegible]:
- [illegible]

3. [illegible] (Reflective Level)

- [illegible]
- [illegible]
- [illegible]
  [illegible]:
- [illegible]
- [illegible]

---

24. [illegible]

[illegible] (Teaching Model) [illegible]:

[illegible]

[illegible] (Inquiry Training Model)

[illegible]

[illegible]:

1. [illegible] – [illegible]
2. [illegible] – [illegible]
3. [illegible] – [illegible]
4. [illegible] – [illegible]
5. [illegible] – [illegible]

[illegible]:

- [illegible]
- [illegible]

[illegible] (Mastery Learning Model) [illegible]

[illegible] (Advantages):

1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

[illegible] (Disadvantages):

1. [illegible]-[illegible]
2. [illegible]
3. [illegible]

[illegible]:

- [illegible]
- [illegible], [illegible]
- [illegible]
- [illegible], [illegible]

[illegible] (Mania): [illegible]

([illegible]) [illegible]

[illegible] (Mania) [illegible] (Psychiatric Disorder) [illegible], [illegible], [illegible] (Bipolar Disorder) [illegible], [illegible] (Euphoria), [illegible] (Irritability) [illegible] (Overconfidence) [illegible]

([illegible]) [illegible]

1. [illegible] – [illegible], [illegible], [illegible]
2. [illegible] **(Euphoria)** – [illegible], [illegible]
3. [illegible] **(Overconfidence)** – [illegible]
4. [illegible] **(Flight of Ideas)** – [illegible], [illegible]
5. [illegible] **(Insomnia)** – [illegible]
6. [illegible] **(Impulsivity)** – [illegible]-[illegible], [illegible], [illegible]
7. [illegible] – [illegible]-[illegible]
8. [illegible] **(Delusions)** [illegible] **(Hallucinations)** – [illegible]

[illegible]

[illegible]:

1. [illegible] (Initial Stage):

- [illegible]
- [illegible]
- [illegible]

2. [illegible] (Acute Stage):

- [illegible]
- [illegible], [illegible], [illegible]
- [illegible]

3. [illegible] (Severe Stage):

- [illegible]
- [illegible] (Suicidal Tendencies) [illegible]
- [illegible]

4. [illegible] (Recovery Stage):

- [illegible] (Psychotherapy) [illegible]
- [illegible], [illegible], [illegible]

[illegible]:

[illegible], [illegible], [illegible], [illegible]